

Applied Skills

Frequency Distribution

State: INDIANA

Grade: 8

Purpose

This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/15/08

E/la	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
Item # - Test #			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications																
1a-3-Writing Applications	6	79855			1024	1	5048	6	20578	26	41372	52	9791	12	1368	2
13b-4-Writing Applications	4	79855			4679	6	23851	30	37909	47	11898	15				
Lang. Conventions																
1b-3-Lang. Conventions	4	79855			1097	1	5991	8	24576	31	47666	60				
13c-4-Lang. Conventions	4	79855			3765	5	16191	20	27810	35	30750	39				
Reading Comp.																
2-4-Reading Comp.	2	79855	33894	42	34046	43	9660	12								
10-4-Reading Comp.	2	79855	16139	20	23762	30	38763	49								
13a-4-Reading Comp.	2	79855	10131	13	28231	35	39975	50								
Lit Response & Analysis																
4-4-Lit Response & Analysis	2	79855	21478	27	25120	31	31801	40								
Reading Vocabulary																
9-4-Reading Vocabulary	2	79855	23884	30	12436	16	41116	51								
Math																
Item # - Test #	Points Poss	Total Number of Stdnts	0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
			N	%	N	%	N	%	N	%	N	%	N	%	N	%
Algebra & Functions																
1-7-Algebra & Functions	2	79855	58269	73	9451	12	10888	14								
1-8-Algebra & Functions	2	79855	16465	21	34108	43	28591	36								
4-8-Algebra & Functions	2	79855	41975	53	30039	38	6554	8								
Problem Solving																
2-7-Problem Solving	3	79855	37590	47	23763	30	2652	3	14684	18						
5-7-Problem Solving	3	79855	47466	59	9385	12	4973	6	16353	20						
3-8-Problem Solving	3	79855	42848	54	21527	27	2743	3	11052	14						
5-8-Problem Solving	2	79855	24718	31	10880	14	42847	54								
Data Analysis & Prob																
3-7-Data Analysis & Prob	2	79855	48504	61	6726	8	22951	29								
2-8-Data Analysis & Prob	2	79855	22865	29	20179	25	36151	45								
Number Sense																
4-7-Number Sense	2	79855	22814	29	29865	37	25984	33								
Geometry																
6-7-Geometry	2	79855	33167	42	6704	8	38613	48								
6-8-Geometry	2	79855	48780	61	10319	13	19413	24								
Measurement																
7-7-Measurement	2	79855	29792	37	12608	16	36699	46								
7-8-Measurement	2	79855	12325	15	6240	8	60083	75								

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

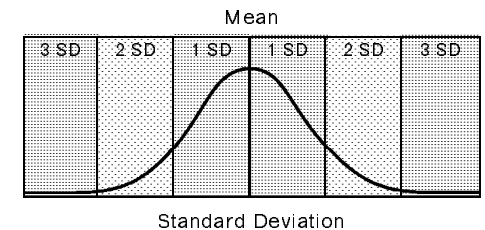
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



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Frequency Distribution

State: INDIANA

Grade: 8

Purpose
This report provides a frequency of
condition codes obtained by Applied Skills
items.



Test Date: 09/15/08

E/la	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Condition Code E Off Topic		Invalid / Omitted Test	
Item # - Test #		N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications													
1a-3-Writing Applications	79855	0	0	7	0	12	0	27	0	149	0	479	1
13b-4-Writing Applications	79855	998	1	7	0	6	0	41	0	179	0	287	0
Lang. Conventions													
1b-3-Lang. Conventions	79855	0	0	7	0	12	0	27	0	0	0	479	1
13c-4-Lang. Conventions	79855	998	1	7	0	6	0	41	0	0	0	287	0
Reading Comp.													
2-4-Reading Comp.	79855	1943	2	10	0	0	0	12	0	3	0	287	0
10-4-Reading Comp.	79855	886	1	13	0	0	0	3	0	2	0	287	0
13a-4-Reading Comp.	79855	998	1	7	0	6	0	41	0	179	0	287	0
Lit Response & Analysis													
4-4-Lit Response & Analysis	79855	1125	1	8	0	0	0	26	0	10	0	287	0
Reading Vocabulary													
9-4-Reading Vocabulary	79855	2061	3	26	0	1	0	6	0	38	0	287	0
Math													
Item # - Test #	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Invalid / Omitted Test			
		N	%	N	%	N	%	N	%	N	%	N	%
Algebra & Functions													
1-7-Algebra & Functions	79855	926	1	1	0	0	0	0	0			320	0
1-8-Algebra & Functions	79855	360	0	0	0	0	0	0	0			331	0
4-8-Algebra & Functions	79855	956	1	0	0	0	0	0	0			331	0
Problem Solving													
2-7-Problem Solving	79855	845	1	0	0	0	0	1	0			320	0
5-7-Problem Solving	79855	1358	2	0	0	0	0	0	0			320	0
3-8-Problem Solving	79855	1351	2	2	0	0	0	1	0			331	0
5-8-Problem Solving	79855	1076	1	2	0	0	0	1	0			331	0
Data Analysis & Prob													
3-7-Data Analysis & Prob	79855	1348	2	0	0	1	0	5	0			320	0
2-8-Data Analysis & Prob	79855	328	0	0	0	0	0	1	0			331	0
Number Sense													
4-7-Number Sense	79855	872	1	0	0	0	0	0	0			320	0
Geometry													
6-7-Geometry	79855	1045	1	0	0	6	0	0	0			320	0
6-8-Geometry	79855	1010	1	2	0	0	0	0	0			331	0
Measurement													
7-7-Measurement	79855	436	1	0	0	0	0	0	0			320	0
7-8-Measurement	79855	876	1	0	0	0	0	0	0			331	0

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